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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

APPLICANTS : HEIDI S. DODSON, ET AL. EXAMINER : LYNDA T. GUO
SERIAL NO. : 09/682,517 ART UNIT : 1627
FILED : SEPTEMBER 13, 2001 PAPER NO. : 6
FOR : METHOD FOR IDENTIFYING INHIBITORS OF DUAL
SUBSTRATE ENZYMES

AMENDMENT AND REMARKS

February 21, 2003

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

This is responsive to the Office Action issued in the captioned application on
September 10, 2002, Paper No. 5.

Please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please replace the attached abstract with the attached new abstract. *A1*

IN THE CLAIMS:

- A2*
1. (AMENDED). A method for identifying an inhibitor of a dual substrate enzyme;
wherein a first substrate is a macromolecule that is enzymatically modified, in the
presence of the dual substrate enzyme, to accept a radiolabeled portion of a
second substrate, said method comprising:
 - a. adding a capture resin to a buffered mixture of an enzyme, allowing the
enzyme to catalyze transfer of the radiolabeled portion of the radiolabeled

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